Nathan Burgess

Portfolio: https://nb28vt.github.io • LinkedIn: burgessnathan • GitHub: NB28VT • Phone: 1-802-343-1821 • E-Mail: burgess.nathan28@gmail.com

Skills

TypeScript, JavaScript, Python, React.js, Ruby, Ruby on Rails, Django, SQL, RSpec, MobX, Elasticsearch, Git, GitHub

Experience

Senior Full-Stack Software Engineer (TypeScript/React.js/Django) ProfitWell, Boston, MA October 2018 – April 2020

- Cut need for thousands of dollars in monthly database charges and delivered lightning fast in-app search to customers by rearchitecting all search functionality with the Elasticsearch library. Allows ProfitWell's customers, subscription-based service companies, near-instant text search and filtering of their subscription customer data from Stripe, Braintree and other payment APIs. Opens up feature to larger clients who had too much data to use old, SQL-based system. (Python, Django).
- Improved ability to pass security audits with large clients by adding two-factor authentication to app login. In use by over 400 accounts, feature allows users to scan a QR code into their phone and generate one-time login passcodes. Python/Django (API, caching, encryption, and test suite); React.js/TypeScript (front end UX).
- Preserved thousands of dollars in monthly revenue from European customers by updating "Retain" payment recovery integration with Zuora to meet new EU security mandate. Zuora API amongst the hardest in ProfitWell's system to work with. (Python)
- Worked closely with remote engineering team in Rosario, Argentina on a daily basis.

Full-Stack Software Engineer (Ruby on Rails) 3Play Media, Boston, MA May 2015 – August 2018

- Enabled sales team to onboard new clients in the entertainment, government and academic sectors by building captioning integrations with eight online video platforms. 600+ customers linked via Facebook, Vimeo, Wistia, Brightcove and more. (Ruby)
- Reduced development and operations team testing time by introducing automated testing with RSpec, FactoryBot, and VCR.
- Presented coding basics course to sales, marketing, and support teams, improving communication with the development team.

Full-Stack Engineering Apprentice, Launch Academy, Boston, MA Winter 2014 – 2015

- Ten-week software boot camp. Personal project: "Beerica", a mapping of breweries around the United States with responsive design for desktop and mobile. (Ruby on Rails, Google Maps JavaScript API, Highcharts, and Zurb Foundation).

Publication Manager, Hibu Inc. (Remote/Massachusetts)   October 2013 – May 2014

- Oversaw production, content editing and layout for magazines in Marshfield, Pembroke, Hingham and Hanover, Massachusetts.

General Assignment News Reporter, Stowe Reporter, Stowe, VT   June 2009 – October 2013

- 2010 Rookie of the Year for both the New England Newspaper and Press Association and the Vermont Press Association.
- Awarded 2013 New England First Amendment Coalition Fellowship for work in investigative, government and business reporting.

Hackathons/Volunteer Work

- RailsBridge Boston (2015), MIT Data Rescue (2017), Code For America, Boston Baseball Hackathon (2015, 2017, 2018)

Education

Johnson State College, Johnson, VT   2005-2009

- Bachelor of Arts, Journalism. Minor: Jazz Music Theory. Editor-in-Chief, student newspaper